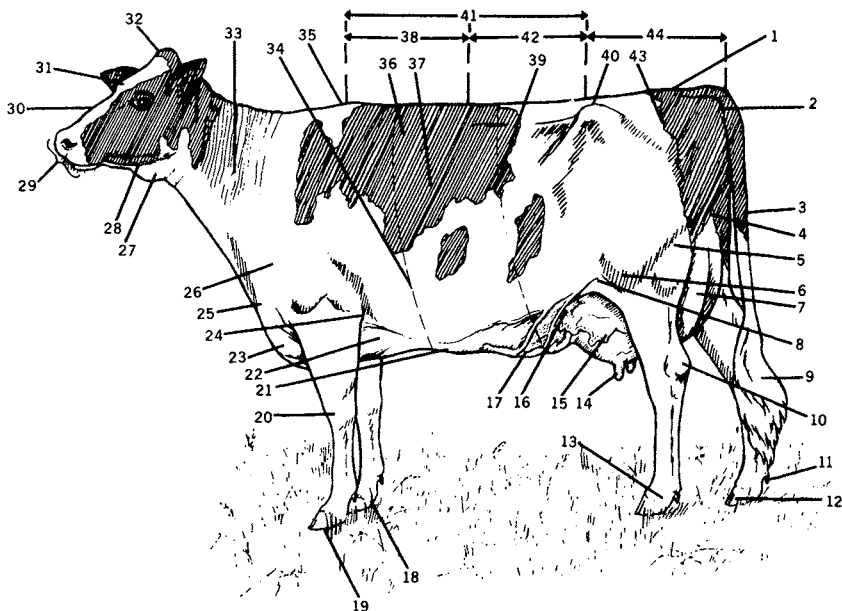


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Minnesota 4-H Dairy Parts Crossword Puzzle

4-H M-211
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SUGGESTED PROJECT MEETING ACTIVITIES

In addition to the crossword puzzle, several other fun activities are available to learn the parts of an animal.

ROLL CALL — At the beginning of the meeting, ask each member to answer roll call by naming a part of the animal or perhaps a part from a specific area such as the hoof, leg, or head.

PARTS ON THE BACK — Simply write an animal part on a small slip of paper. Without letting the member see it, tape it to his or her back. Do this for everyone. Members try to figure out the part by asking each other questions. Only yes or no answers are permitted. As soon as a member guesses the name of the part which is taped on his or her back, the 4-H member continues to answer the questions of other members. Activity continues until each member correctly guesses. Small hints are okay later in the activity.

PIN THE NAME — Use the 4-H Wall Chart or supply large sheets of paper on which teams of 3 to 4 members may draw the animal. Names of parts written on masking tape and attached to tee (T) pins may be made by members. A piece of cardboard under the picture works well to stick the pins into. Members should then compare their answers and check them. This is a fun game for competition between teams. Have each team check the other's answers. A time limit keeps things moving. Pins may also be used with stuffed animals.

TAPE THE NAME — Members often learn more quickly if they can associate parts of an animal with parts of their own bodies. Simply put names of parts on pieces of paper or masking tape and see how many the teams can tape on one or more of their members. This can also make a very active relay game between two teams. Teams should check each other's "animal."

PARTS PUZZLE — Members draw a large animal picture on a piece of paper or poster board. Add the part names to the correct places. Make a puzzle piece out of each part by outlining and then cutting it out. Large pieces are suggested for younger members. This is also a great project for woodworkers.

Answers to Puzzle Parts

- | | |
|---------------------------|-----------------------|
| 1. Tail head | 23. Brisket |
| 2. Pin bones | 24. Point of elbow |
| 3. Tail | 25. Dewlap |
| 4. Rear udder attachment | 26. Point of shoulder |
| 5. Thigh | 27. Throat |
| 6. Stifle | 28. Jaw |
| 7. Rear udder | 29. Muzzle |
| 8. Flank | 30. Bridge of nose |
| 9. Switch | 31. Forehead |
| 10. Hock | 32. Poll |
| 11. Dewclaw | 33. Neck |
| 12. Hoof | 34. Heart girth |
| 13. Pastern | 35. Withers |
| 14. Teats | 36. Crops |
| 15. Fore udder | 37. Ribs |
| 16. Fore udder attachment | 38. Chine |
| 17. Mammary vein | 39. Barrel |
| 18. Heel | 40. Hook |
| 19. Sole | 41. Back |
| 20. Knee | 42. Loin |
| 21. Milk wells | 43. Thurl |
| 22. Chest floor | 44. Rump |

